

Title (en)

DEVICE AND METHOD FOR ALIGNING PREDOMINANTLY FLAT MATERIAL BLANKS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUFRICHTEN VORWIEGEND FLÄCHIGER MATERIALZUSCHNITTE

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ALIGNEMENT DE SECTIONS DE MATÉRIAU ESSENTIELLEMENT PLATES

Publication

EP 3006197 B1 20180425 (DE)

Application

EP 15002329 A 20150804

Priority

DE 102014014939 A 20141007

Abstract (en)

[origin: US2016096338A1] The invention pertains to a device and a method for producing hollow bodies that are open on one side of predominantly plane material blanks by erecting and gluing their sides along prepared bending edges, wherein said device features a shaft that is arranged directly downstream of the erecting elements and accommodates the hollow bodies in order to cure the glued joints, and wherein the products are spaced apart from one another during their transport within the shaft. The transport device provided for this purpose preferably acts directly upon the glued edges or areas located adjacent thereto such that the glued joint is continuously stabilized during the curing process.

IPC 8 full level

B31B 50/46 (2017.01); **B31B 50/00** (2017.01); **B31B 50/02** (2017.01); **B31B 50/04** (2017.01); **B31B 50/40** (2017.01); **B31B 50/42** (2017.01); **B31B 50/62** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP US); **B31B 50/02** (2017.07 - EP US); **B31B 50/26** (2017.07 - EP US); **B31B 50/44** (2017.07 - EP US); **B31B 50/46** (2017.07 - EP US); **B31B 50/626** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/0024** (2017.07 - EP US); **B31B 2110/35** (2017.07 - EP US)

Cited by

DE102016013460A1; DE102018009118A1; WO2020104360A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3006197 A1 20160413; **EP 3006197 B1 20180425**; CN 105479807 A 20160413; CN 105479807 B 20190319; DE 102014014939 A1 20160407; ES 2674098 T3 20180627; JP 2016074212 A 20160512; JP 6600524 B2 20191030; PL 3006197 T3 20181031; US 10322558 B2 20190618; US 2016096338 A1 20160407

DOCDB simple family (application)

EP 15002329 A 20150804; CN 201510575368 A 20150911; DE 102014014939 A 20141007; ES 15002329 T 20150804; JP 2015198563 A 20151006; PL 15002329 T 20150804; US 201514870746 A 20150930